MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1931

J. A. BROWN, DIRECTOR

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NOVEMBER 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	62.6	62.1	62.0	62.2	25.1	19.6	23.7	24.3	20.9	23.0
2	2.8	2.2	2.1	2.4	23.9	20.6	21.9	23.2	20.5	21.9
3	3.2	3.2	4.1	3.5	20.6	17.8	19.8	19.8	18.0	19.2
4	4.7	3.4	3.1	3.7	19.5	16.1	17.3	18.8	18.7	18.3
5	3.4	2.7	2.8	3.0	21.3	15.0	19.9	18.9	17.1	18.6
6	63.4	62.5	62.3	62.7	19.9	14.9	19.4	19.0	15.5	18.0
7	3.2	2.5	2.7	2.8	21.6	14.3	18 4	20.4	15.1	17.6
8	4.5	4.3	4.7	4.5	19.9	13.3	16.6	19.3	17.5	17.8
9	5.9	5.1	5.0	5.3	21.2	13.3	19.7	20.4	18.9	19.7
10	4.3	2.9	2.1	3.1	21.6	15.6	19.3	20.4	19.3	19.7
11	60.8	59.7	60.3	60.3	23.2	18.2	22.4	22.6	20.1	21.7
12	3.0	62.6	3.7	3.1	22.9	17.8	21.3	21.9	19.3	20.8
13	5.7	4.6	4.6	5.0	21.4	16.2	20.6	20.8	18.3	19.9
14	4.7	3.0	2.6	3.4	21.3	15.7	19.5	20.7	19.3	19.8
15	1.7	1.3	1.1	1.4	23.0	16.9	20.9	21.5	19.4	20.6
16	61.6	61.1	61.6	61.4	23.2	17.2	22.2	22.2	18.7	21.0
17	3.9	3.2	3.2	3.4	21.3	16.4	19.9	20.8	19.8	20.6
18	2.2	0.6	0.5	1.1	21.7	17.0	19.8	21.0	17.8	19.5
19	0.3	59.3	4.9	1.5	21.5	16.2	19.8	21.0	17.9	19.6
20	0.3	58.7	59.6	59.5	22.3	16.4	20.6	22.0	19.4	20.7
21	61.9	61.8	62.1	61.9	20.4	16.0	18.7	19.3	18.2	18.7
22	3.4	2.4	2.1	2.6	19.7	14.6	18.2	18.4	17.2	17.9
23	1.4	0.1	0.1	0.5	21.1	15.6	18.7	20.3	17.1	18.7
24	0.7	59.6	59.7	0.0	20.8	15.2	17.8	19.6	17.9	18.4
25	59.6	59.6	59.6	59.6	18.3	15.0	16.7	17.9	15.8	17.1
26	60.5	60.6	60.7	60.6	16.2	12.2	13.9	15.4	13.3	14.2
27	2.4	2.4	3.5	2.8	15.9	11.0	13.4	14.2	12.2	13.3
28	5.4	5.6	5.9	5.6	16.4	11.6	13.8	16.1	13.2	14.0
29	6.7	5.0	3.7	5.1	16.7	11.1	15.0	15.9	16.6	15.8
30	3.9	3.5	3.5	3.6	19.3	13.5	17.3	19.1	15.4	17.3
	62.94	62.19	62.46	62.52	20.70	15.48	18.85	19.84	17.61	18.78

Barometer, Range for month 758.7-766.7 m.m.
,, 50-yr. average for month 762.865 m.m.
Thermometer, Range for month 11°.0-25° 1 C.
,, 50-yr. average for month 19.68 C.
Rain, total for month 52.75 m.m.
,, , 50-yr average for month 135.13 m.m.
,, , total Sept. 1st to end of month 75.20 m.m.
,, , 50-yr. average, Sept. 1st to end of month. 195.08 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	20.9	19.9	18.8	16.3	14.3	14.5	15.0	75	64	78	72	8.4	
2	17.4	17.7	16.3	12.0	11.7	11.2	11.6	61	57	62	60	5.5	
3	16.0	14.8	12.7	11.1	9.7	8.2	9.7	64	56	54	58	3.2	1.27
4	10.7	13.2	12.3	6.5	7.4	7.6	7.2	45	46	47	46	10.0	
5	12.8	12.7	12.1	7.6	7.8	7.9	7.8	44	47	55	49	9.8	
6	13.7	12.7	11.1	8.7	7.8	7.6	8.0	51	48	58	52	7.5	
7	12.8	13.9	12.3	8.1	8.5	9.0	8.5	50	48	71	56	4.2	
8	15.4	16.9	15.4	12.2	11.8	11.6	11.9	87	71	78	79	2.1	10.03
9	15.7	16.1	15.2	10.8	10.9	10.5	10.7	63	61	65	63	10.0	1.47
10	15.9	16.3	15.7	11.4	11.3	11.0	11.2	69	63	67	66	9.8	
11	17.6	17.5	13.6	11.8	11.7	8.3	10.6	58	57	48	54	9.0	
12	15.7	15.9	16.2	10.0	10.1	11.7	10.6	53	51	70	58	9.8	
13	16.0	15.2	15.6	10.7	9.7	11.4	10.6	59	53	74	62	9.8	
14	15.4	16.3	17.1	10.6	11.1	12.9	11.5	63	61	78	67	9.8	
15	17.1	17.3	17.8	12.0	12.0	14.0	12.7	65	62	84	70	9.0	
16	15.0	18.3	16.8	8.9	13.0	13.0	11.6	45	65	82	64	9.8	
17	16.2	16.2	16.7	11.3	10.8	12.1	11.4	66	59	70	65	8.6	
18	16.2	16.1	14.5	11.4	10.7	10.3	10.8	66	58	68	64	8.7	
19	15.2	16.5	13.9	10.1	11.2	9.5	10.3	58	61	62	60	9.6	
20	16.2	17.6	15.7	10.9	12.1	11.0	11.3	60	61	66	62	6.3	15.54
21	15.1	15.1	14.7	10.5	10.2	10.3	10.3	66	61	66	64	4.0	
22	14.6	15.2	14.1	10.2	10.8	10.1	10.4	66	69	69	68	8.4	
23	14.9	17.1	14.6	10.4	12.3	10.8	11.2	66	70	75	70	9.0	
24	14.6	16.3	15.4	10.4	11.7	11.4	11.2	69	69	75	71	6.0	12.95
25	14.3	13.2	12.8	10.6	8.7	9.3	9.5	76	57	70	68	1.0	10.61
26	12.6	10.9	9.3	10.0	7.5	6.9	8.1	84	58	59	67	4.0	
27	10.4	10.8	9.3	7.8	7.8	7.3	7.6	68	65	68	67	7.0	
28	10.7	11.6	10.4	8.4	7.9	8.0	8.1	77	58	70	68	2.0	0.88
29	10.3	11.3	12.1	7.0	7.6	8.1	7.6	55	56	58	56	9.8	
30	12.1	14.3	12.7	7.8	9.4	9.3	8.8	54	58	71	61	8.8	
	14.70	15.20	14.17	10.18	10.25	10.16	10.19	62.8	59.0	67.3	62.9	7.36	1.76

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	2cu	8stcu	6stcu	5.3	0	1w	1sw	244.5	slight	
2	8stcu	5stcu	8ni	7.0	0	1sw	1se	394.1	„	
3	8stcu	8stcu	8stcu	8.0	2n	3n	5n	307.7	rough	
4	0	0	0	0.0	5n	5nw	2nw	353.8	v. rough	
5	3ci	0	1stcu	1.3	0	2n	1n	200.1	slight	
6	8stcu	1cu	8stcu	5.7	0	0	1e	113.4	light	
7	6cuci	10stcu	10ni	8.7	0	2w	1s	376.7	„	
8	10ni	8cicu	8cicu	8.7	0	0	1sw	278.1	calm	Mts. snow powdered
9	1cu	1cu	1cu	1.0	0	0	2n	161.5	„	
10	0	6ci	6ci	4.0	0	0	1sw	61.1	„	
11	5stcu	1ci	1ci	2.3	0	0	0	40.7	slight	
12	0	0	0	0.0	0	1n	1n	121.8	„	
13	0	1ci	1cu	0.7	0	1n	1n	34.3	„	
14	0	1ci	0	0.3	0	1n	0	63.8	light	
15	2ci	4ci	4ci	3.3	0	0	0	54.6	calm	
16	0	0	0	0.0	0	0	0	74.8	„	
17	0	2ci	2ci	1.3	0	1n	0	58.2	light	
18	2ci	0	0	0.7	0	0	2s	79.9	mod.	
19	0	2cu	3cu	1.7	0	0	2s	218.6	„	
20	4stcu	10stcu	10stcu	8.0	0	2sw	2sw	701.6	stormy	Trace of rain
21	8stcu	10stcu	10stcu	9.3	0	0	2n	211.0	slight	
22	0	2ci	0	0.7	0	0	0	27.0	light	
23	0	0	1cu	0.3	0	0	1sw	197.8	calm	
24	2cu	3stcu	8stcu	4.3	0	0	3sw	455.6	mod.	
25	10ni	10stcu	10ni	10.0	3sw	3sw	3sw	733.5	rough	
26	8stcu	5stcu	5stcu	6.0	0	1nw	0	262.9	stormy	
27	6stcu	4stcu	5stcu	5.0	0	0	1e	196.5	slight	
28	5stcu	8stcu	5stcu	6.0	0	0	1e	173.3	light	Firstsno. on mts
29	1cu	0	0	0.3	0	1e	1e	145.6	slight	
30	0	0	0	0.0	0	0	0	54.6	light	
					10	25	36			
				3.60	0.3	0.8	1.2	216.57		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	0	0	0	0	1	0	0	27
14:30	6	0	0	0	0	3	2	2	17
20.30	6	0	4	1	3	7	0	1	8
Totals	14	0	4	1	3	11	2	3	52

Number of days with rain 7, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 9.8